

SMARTS API Messages

Overview of Messages

PSX0000	PSX0001	PSX0002	PSX0003	PSX0004	PSX0005	PSX0006	
PSX0007	PSX0008	PSX0009	PSX0010	PSX0011	PSX0012	PSX0013	
PSX0014	PSX0015	PSX0016	PSX0017	PSX0018	PSX0019	PSX0020	
PSX0021	PSX0022	PSX0023	PSX0024	PSX0025	PSX0026	+PSX0027	
PSX0028	PSX0029	PSX0030	PSX0031	PSX0032	PSX0033	PSX0034	
PSX0035	PSX0036	PSX0037	PSX0038	PSX0039	PSX0040	PSX0041	
PSX0042	PSX0043	PSX0044	PSX0045	PSX0046	PSX0047	PSX0048	
PSX0049	PSX0050	PSX0051	PSX0052	PSX0053	PSX0054	PSX0055	
PSX0056	PSX0057	PSX0058	PSX0059	PSX0060	PSX0061	PSX0062	
PSX0063	PSX0064	PSX0065	PSX0066	PSX0067	PSX0068	PSX0069	
PSX0070	PSX0071	PSX0072	PSX0073	PSX0074	PSX0075	PSX0076	
PSX0077	PSX0078	PSX0079	PSX0080	PSX0081	PSX0082	PSX0083	
PSX0084	PSX0085	PSX0086	PSX0087	PSX0088	PSX0089	PSX0090	
PSX0091	PSX0094	PSX0095	PSX0096	PSX0099			

PSX0000	Insufficient storage (\$1 bytes) for \$2
Description	An attempt by the SMARTS nucleus to acquire storage failed due to insufficient space either in a user program thread or in the SMARTS address space itself.
Placeholders	
	The number of bytes the system tried to acquire. The number may be suffixed with 'K' to denote kilobytes or 'M' to denote megabytes. If this value is '0', SMARTS was not able to determine how much storage could not be acquired. This could occur when a request to an underlying system fails due to a storage shortage but does not indicate how much is required.
\$1	
\$2	A character string indicating what the storage was for and, if applicable, a four digit code in braces indicating which control block this storage was for.

Action	<ul style="list-style-type: none">If the storage is thread-related, use the U/LIB utility to increase the catalog size of the root application that suffered the error. The root application is the first program to receive control when a program is started under SMARTS and is the basis upon which the storage is allocated. Note that the thread sizes in general may need to be increased in the SMARTS region depending on how much thread space the application requires.
	<ul style="list-style-type: none">If the storage is outside of the thread, there is a shortage of storage in the SMARTS region itself. Where possible, SMARTS will expand its storage areas so it is likely that such an expansion request failed thus resulting in this message. Check for other errors related to any attempted expansion for more details.

References

<ul style="list-style-type: none">The SMARTS Installation and Operations Manual discusses storage allocations and how they relate to the SMARTS components.
<ul style="list-style-type: none">The following table identifies the storage areas by name, where it may be located and what it is used for:

Storage Name	Location	Description
atexit() registration table	Above	Allocated per process to hold any exit routines registered using the atexit() function.
File subsystem I/O buffer	Below or Above	One of these control blocks is acquired from the SMARTS buffer pool per open file, socket, or pipe. It is required as an input/output buffer to access the underlying subsystem entity. If required for a file, it is allocated below the line. For any other use, it is allocated above the line.
File table storage	Above	This storage is allocated per SMARTS process to hold the file descriptors for each open file in the system.
Kernal storage stack	Above	Allocated by the environment-dependent kernel interface module to drive the SMARTS independent kernel interface.
Working storage	Above	A generic term for required temporary storage.
SMARTS server environment ABEND data area (ABDA)	Above	Allocated per SMARTS pthread in the SMARTS server environment to handle recovery processing for pthread termination (normal or abnormal) in the server environment.
SMARTS server application storage (APPS)	Above	Allocated per SMARTS-based server started within the SMARTS server environment.
Argument buffer (ARGB)	Above	One allocated per invoked process to hold arguments passed to main(), environment variables passed to invoked process (addressable through environ), and pointers.

Storage Name	Location	Description
CDI parameter block (CDIB)	Above	One allocated per open file descriptor in a process to maintain state of the file descriptor and pass information to/from CDI protocol drivers.
CDI PH main anchor block (CDIM)	Above	One allocated per defined CDI protocol handler (driver). Used to hold CDI protocol-related information.
CDI PH process anchor block (CDIP)	Above	One allocated per defined CDI protocol handler per process to hold process-related protocol information.
CDI PH thread anchor block (CDIT)	Above	One allocated per defined CDI protocol handler per thread to hold thread-related protocol information.
Console interface block (CNIB)	Above	Allocated when an fopen() is issued to the console CDI driver.
Console interface command block (CNIC)	Above	Allocated in order to deliver a command to the console CDI driver interface.
Console interface main block (CNIM)	Above	Allocated to centrally control the console interface CDI driver processing.
Environment variable storage (ENVV)	Above	One of these areas is allocated per environment variable. If the environment variable is a global environment variable, it is allocated from the SMARTS buffer pool. If the environment variable is being locally defined using the 'putenv' function, it is allocated from the application program thread.
File subsystem control block (FSCB)	Below or Above	One of these control blocks is acquired from the SMARTS buffer pool per open file, socket, or pipe. If required for a file, it is allocated below the line. For any other use, it is allocated above the line.
Internal security control block (ISCB)	Above	Allocated per SMARTS process to hold user-related information.
Language interface process table (LIPT)	Above	Allocated per process to handle languages calling other languages.
Language interface thread table (LITT)	Above	Allocated per pthread to enable language cleanup for each language used within the process.
Master control block (PMCB)	Below	The main control block allocated by SMARTS. Acquired from the underlying SMARTS server environment work storage buffer pool.
Mutex control block (PMXB)	Above	Allocated internally to control access to internal resources using the standard pthread mutex processing logic.

Storage Name	Location	Description
Process control block (PPCB)	Above	The SMARTS process control block, which is allocated once in the program thread the first time a SMARTS function request is issued.
Signal raise control block (PSGR)	Above	Allocated when a signal has to be raised either from the system internally or as a result of a user program request.
Thread control block (PTHB)	Above	Allocated per SMARTS pthread to represent the pthread.
Thread-specific data area (PTSD)	Above	Allocated by the user program per SMARTS pthread to hold any thread-specific dataset.
Thread cancel clean-up table (PTTH)	Above	Allocated per SMARTS pthread in all environments to hold each entry pushed on to the stack using the pthread_cleanup_push() function.
Sockets main control block (SOCB)	Above	Allocated from the SMARTS buffer pool by the subsystem specific sockets initialization module.
System-resident control block (SRCB)	Above	One of these control blocks is allocated from the SMARTS buffer pool per active SMARTS process. It is associated with the PPCB and is used to hold per process storage areas, which must reside outside the application program thread area.
Sockets task API storage (TAIS)	Above	One of these control blocks is allocated for each SMARTS process that uses the sockets interface. It is only allocated if the IBM TCP/IP stack is in use.

PSX0001 Logic error in program \$1 at offset \$2

Description During execution, the SMARTS nucleus encountered an unexpected situation that is likely to lead to other errors or unexpected behavior.

Placeholders

\$1	Name of the program where the logic error was encountered.
\$2	Offset within the program named in \$1 where the logic error was encountered.

Action Report this message to your technical support representative.

References

Not applicable.

PSX0002 Function code '\$1' not supported

Description The SMARTS nucleus API was entered with a code for which it had no entry in its internal tables. This is indicative of a mismatch between the SMARTS stubs being used and the nucleus.

Placeholders

\$1	Code (in decimal) with which the nucleus was entered.
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Action Report this message to your technical support representative.

References

Not applicable.

PSX0003 Function ‘\$1’ code ‘\$2’ not implemented

Description The function named by placeholder \$1 has been requested by the application but is not currently implemented within the SMARTS nucleus.

Placeholders

\$1	Name of the function which the application requested.
\$2	Internal SMARTS code associated with the function.

Action Not applicable.

References

Refer to the SMARTS SDK Programmer’s Reference Manual to determine which function calls are supported by the level of SMARTS you are running.

PSX0004 Module ‘\$1’ Loaded

Description The module identified by the \$1 placeholder was loaded by the nucleus. This message is issued in the following cases:

•	When more than one version of a module exists, it indicates which version of the module was loaded.
•	For exits that may not normally be part of the nucleus, it indicates when an exit has been loaded and is active in the system.

Placeholders

\$1	Name of the module which has been loaded.
-----	---

Action This is an informational message, no action is necessary.

References

Not applicable.

PSX0005 Module '\$1' not found

Description The module identified by the \$1 placeholder cannot be found. A request to the operating system to load a module fails. Modules to be loaded by SMARTS must be available either in the COMPLIB DD concatenation or system LNKST for OS/390 and MSP systems, while it must be in a library identified in the search path for VSE.

If this message is issued during the initialization process, initialization fails if the module is required for the correct operation of SMARTS. Otherwise, initialization continues. If this message is issued during termination processing, termination continues; however, depending on the function of the module, the termination process may not complete successfully.

Placeholders

\$1	Name of the module that could not be found.
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Action If the module should be available during initialization and/or termination processing, determine why it cannot be found.

References

Not applicable.

PSX0006 Error loading module '\$1' RC=\$2 Reason=x\$3

Description The module identified by the \$1 placeholder could not be loaded due to an error during LOAD processing. A request to the operating system to load a module fails for some reason other than the fact that module cannot be found.

If this message is issued during the initialization process, initialization fails if the module is required for the correct operation of SMARTS. Otherwise, initialization continues. If this message is issued during termination processing, termination continues; however, depending on the function of the module, the termination process may not complete successfully.

Placeholders

\$1	Name of the module for which the LOAD request failed.
\$2	Return code from the operating system LOAD request.
\$3	Reason code from the operating system LOAD request.

Action Determine from the return and reason codes why the LOAD request failed and correct the error.

References

•	MVS/ESA Programming: Assembler Services Reference
•	VSE/ESA Macro Reference

PSX0007 Module \$1 returned return code \$2

Description A number of modules are called internally during the SMARTS initialization/termination process. These modules generally issue a zero (0) return code to indicate that they have completed successfully. A module was called and its return code was not 0. The module responsible has issued a message itself to indicate where the problem lies.

When this occurs during the initialization process, if the return code is less than 8, initialization processing continues. If the return code is 8 or greater, initialization processing terminates.

When this occurs during the termination process, processing continues; however, if the return code is 8 or greater, there may be additional failures later in the termination process.

Placeholders

\$1	Name of the module that returned the return code.
\$2	Return code returned by the module identified by \$1.

Action Refer to preceding messages in the log to determine why the return code was returned. Correct the situation to prevent the message.

References

Not applicable.

PSX0008 SMARTS SERVER \$1 system initialized, nucleus size \$2 bytes

Description The SMARTS server subsystem has been successfully initialized.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
\$2	Size (in bytes) of the SMARTS nucleus. Since most SMARTS modules are loaded above the 16MB line, this storage is allocated above the 16MB line.

Action No action is necessary as this is an informational message.

References

Not applicable.

PSX0009 SMARTS \$1 initialization failed

Description The SMARTS initialization failed. A preceding message indicates why it failed.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
-----	--

Action Correct the reason for the initialization failure. Restart SMARTS.

References

Not applicable.

PSX0010 THE SMARTS SERVER \$1 system already active

Description An attempt to start the SMARTS server subsystem failed because SMARTS was already active.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
-----	--

Action Not applicable.

References

Not applicable.

PSX0011 SMARTS SERVER \$1 system is not active

Description An attempt to terminate or issue an operator command to the SMARTS server subsystem failed because the server was not active.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
-----	--

Action Not applicable.

References

Not applicable.

PSX0012 SMARTS server \$1 system terminated

Description The SMARTS server subsystem has terminated.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
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Action Not applicable.

References

Not applicable.

PSX0013 Unrecognized command '\$1'

Description An operator command to SMARTS was rejected as it was not a valid SMARTS operator command.

Placeholders

\$1	Operator command string entered by the operator. SMARTS did not recognize it as a valid SMARTS operator command.
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Action Select a valid SMARTS operator command.

References

The SMARTS Installation and Operations Manual .

PSX0014 Unrecognized or invalid parameter \$1

Description SMARTS was initialized with \$1 as a parameter but SMARTS did not recognize the parameter. Initialization continues, ignoring the invalid parameter.

Placeholders

\$1	String passed to SMARTS as a parameter. This is specified either as part of the SMARTS server environment SERVER configuration parameter or as the SERVER operator command used to start SMARTS.
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Action Select a valid SMARTS parameter.

References

The SMARTS Installation and Operations Manual .

PSX0015 SMARTS \$1 initialization in progress

Description The SMARTS server subsystem started its initialization processing.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
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Action Not applicable.

References

Not applicable.

PSX0016 Function '\$1' failed return code \$2 (x'\$3')

Description The function \$1 was issued by the application; however, an error during the processing of the function in the SMARTS nucleus caused the \$2 return code to be generated. A preceding message indicates why the return code was returned.

Placeholders

\$1	Name of the function issued by the application program.
\$2	Internal return code (decimal) issued by the processing routine.
\$3	Internal return code (hexadecimal) issued by the processing routine.

Action Determine from the preceding messages what caused the problem and correct these symptoms.

References

Not applicable.

PSX0017 Resource pool initialization failed

Description SMARTS uses the SMARTS server environment resource management routines to allocate a pool of resources which it uses for serialization during its processing. This message indicates that the initialization call for this failed.

Placeholders

Not applicable.

Action Refer to the messages issued by the resource management routines and correct the problem as per those messages.

References

SMARTS Server Environment Messages chapter in this manual.

PSX0018 Buffer pool initialization error

Description SMARTS uses the SMARTS server environment buffer pool management routines to allocate a buffer pool which SMARTS uses for its nucleus storage requirements. This message indicates that the initialization call for this failed.

Placeholders

Not applicable.

Action Refer to the messages issued by the buffer management routines and correct the problem as per those messages.

References

SMARTS Server Environment Messages chapter in this manual.

PSX0019 Error opening '\$1' errno=\$2

Description SMARTS attempted to open the file identified by \$1, however, the request failed due to the errno \$2. The result of this message depends on when the failure occurred and what the file was to be used for.

Placeholders

\$1	Name of the file that could not be opened in the format used by the 'fopen' function as described in the SMARTS SDK Programmer's Reference Manual.
\$2	Error number returned by the open request. These are described in the SMARTS SDK Programmer's Guide.

Action Determine why the file could not be opened using the errno returned and correct the problem. Generally this should occur when either the file does not exist or there is insufficient storage to open the file.

References

•	SMARTS SDK Programmer's Reference Manual
•	SMARTS SDK Programmer's Guide

PSX0020 SMARTS process initialization failed

Description The first time a SMARTS function is issued from a program, SMARTS initializes the environment for the process where the application program is running. This message indicates that this processing failed and therefore the function requested by the program could not be completed.

Placeholders

Not applicable

Action Determine from any preceding messages why the initialization process failed and correct the problem.

References

Not applicable

PSX0021 AOPEN failed for subsystem '\$1' rc=\$2 reason=\$3 diag=x\$4

Description This message is issued by the INTERLINK TCP/IP subsystem interface module when the AOPEN to establish communications with the INTERLINK TCP/IP stack fails.

Placeholders

\$1	Name of the TCP/IP subsystem with which SMARTS attempted to connect. This parameter is specified using the SUBSYS parameter of the CDI_DRIVER statement in the SYSPARMS DD.
\$2	Return code returned by the AOPEN request.
\$3	Reason code returned by the AOPEN request.
\$4	INTERLINK diagnostic code returned by the AOPEN request.

Action Determine the cause of the AOPEN error and correct this. Common reasons for this failing are an invalid subsystem name (i.e. it does not match the subsystem name with which the INTERLINK subsystem is running) or a shortage of storage.

References

•	SMARTS Installation and Operations Manual for the SMARTS configuration parameters.
•	SNS/TCPaccess Messages and Codes Reference (Interlink Messages and Codes Reference)

PSX0022 Socket \$1 request error PID=\$2 rc=\$3 reason=\$4 diag=\$5

Description A sockets subsystem call failed.

Placeholders

\$1	Name of the TCP/IP request that failed.
\$2	Process ID on which the failure occurred.
\$3	TCP/IP interface return code returned by the request.
\$4	TCP/IP interface reason code returned by the request.
\$5	TCP/IP interface diagnostic code returned by the request.

Action Determine from the information returned why the error occurred. There are any number of reasons why errors will occur on a sockets call, many due to the peer to an ongoing SOCKETS conversation terminating or dropping the conversation.

PSX0023 BATCH ENVIRONMENT \$1 ERROR, INFO=\$2/\$3/\$4

Description An error occurred with an operating system macro in the SMARTS batch interface.

Placeholders

\$1	Name of the operating system macro that failed.
\$2	Return code from the operation (normally register 15).
\$3	Feedback code from the operation (normally register 0).
\$4	Reserved for future use; currently, the same as \$2.

Action Determine the cause of the problem based on the operating system macro return and feedback codes; take action to correct the problem. If the action to take is not obvious, report the error to your Software AG technical support representative.

References

Refer to the manuals specific to your operating system that describe Assembler interface macros and their use.

PSX0024 ESTAE Processing failed for \$1 - RC=\$2

Description An OS/390 ESTAE macro was issued but failed with a \$2 return code. Processing may continue; however, if abends occur, no recovery is in place.

Placeholders

\$1	Function for which the ESTAE was issued.
\$2	Return code from the OS/390 operating system ESTAE macro.

Action Based on the return codes, determine why the ESTAE failed and correct the error.

References

MVS/ESA Assembler Programmers Macro Reference Manual

PSX0025 Sockets \$1 failed

Description The subsystem-specific SOCKETS initialization or termination did not complete successfully. If initialization processing fails, SMARTS fails to initialize. If termination processing fails, termination processing continues; however, subsequent errors may occur. In particular, the entire SMARTS address space should be brought down before attempting to restart the SMARTS as there are likely to be sockets problems if the address space is not cycled.

Placeholders

\$1	Indicates whether 'INITIALIZATION' or 'TERMINATION' processing failed.
-----	--

Action Refer to preceding TCP/IP subsystem-specific error messages to determine why the failure occurred and correct the problem.

References

Not applicable.

PSX0026 Sockets \$1 successful

Description Sockets initialization or termination processing completed successfully.

Placeholders

\$1	Indicates whether 'INITIALIZATION' or 'TERMINATION' processing was successful.
-----	--

Action Not applicable.

References

Not applicable.

+PSX0027 Initializing with configuration '\$1'

Description Indicates which SMARTS configuration module the SMARTS nucleus is using for configuration processing.

Placeholders

\$1	Name of the SMARTS configuration module used for configuration processing.
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Action Not applicable.

References

SMARTS Installation and Operations Manual .

PSX0028 SMARTS configuration '\$1' is invalid: starts with '\$2'/x\$3

Description SMARTS checked the format of the SMARTS configuration module and determined that it started with invalid data. Since further use of such a module would cause unpredictable results, initialization processing terminates.

Placeholders

\$1	Name of the SMARTS configuration module used for configuration processing.
\$2	Character representation of the first characters found in the SMARTS configuration module.
\$3	Hexadecimal representation of the first characters found in the SMARTS configuration module.

Action Determine how the configuration module was generated. The most likely explanation for this error is that the configuration module was not generated using the procedures and examples provided by SMARTS.

References

SMARTS Installation and Operations Manual

PSX0029 IBM TCP/IP \$1 failure AS=\$2 errno=\$3

Description An error occurred for a request made by the IBM TCP/IP subsystem module.

Placeholders

\$1	Name of the IBM TCP/IP application programming interface (API) request for which the error occurred.
\$2	Name of the IBM TCP/IP address space with which SMARTS is interfacing. This is specified using the SMARTS ADDRSPCE configuration parameter.
\$3	Error number returned by the IBM TCP/IP interface

Action Determine from the information returned why the error occurred. There are any number of reasons why errors will occur on a sockets call, many due to the peer to an ongoing SOCKETS conversation terminating or dropping the conversation.

References

SMARTS Installation and Operations Manual IBM TCP/IP VvRr for MVS
Programmers Reference

PSX0030 SMARTS \$1 is quiescing

Description The SMARTS server subsystem is quiescing. In this state, application programs already started may continue to completion; however, no new requests to start the SMARTS programs are allowed.

Placeholders

\$1	Name of the SMARTS server system as specified on the SMARTS server environment SERVER configuration parameter.
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Action Not applicable.

References

Not applicable.

PSX0031 Waiting for \$1 user(s) to terminate

Description The SMARTS server subsystem cannot terminate correctly until all application programs that have requested SMARTS functions have terminated. This message indicates the number of users of SMARTS functions upon which the server is waiting.

Placeholders

\$1	The number of users of SMARTS applications still active who are using or have used SMARTS functions.
-----	--

Action Wait until all users have terminated and reissue the request to QUIESCE or TERMINATE the SMARTS server subsystem. The server may be forced; however, this is not recommended due to the subsequent problems it can cause.

References

Not applicable.

PSX0032 Process ID \$1 killed via cancel request

Description During the termination process, SMARTS attempts to terminate any users who are using or have used SMARTS functions. This is achieved by generating an internal SMARTS server cancel request to terminate the user's application program abnormally.

Placeholders

\$1	This is the number of the process ID killed during SMARTS termination.
-----	--

Action No other action should be necessary. After the user has been canceled, the application program should terminate, SMARTS clean-up processing cleans up the SMARTS environment, and SMARTS is in a position to terminate cleanly.

References

Not applicable.

PSX0033 Waiting on \$1 dependent service(s)

Description When subsystems initialize and have a dependency on SMARTS, they register this dependency. For example, the HTTP server may have one or more active servers in a given system. If these dependent services have not been terminated prior to SMARTS termination, SMARTS issues this message and will not terminate.

Placeholders

\$1	Number of servers in the system that have registered their dependency on SMARTS but have not removed this dependency by terminating.
-----	--

Action Terminate any dependent services prior to requesting the termination of SMARTS. SMARTS may be forced; however, this is not recommended due to the subsequent problems it may cause and the immediate problems it will cause for dependent services.

References

Not applicable.

PSX0034 I/O Error (errno=\$1) reading \$2

Description While reading the file identified by \$2, an error was returned by the I/O subsystem interface module. Processing of the file will be terminated.

Placeholders

\$1	Error number returned by the I/O subsystem interface module as documented in the SMARTS SDK Programmer's Guide.
\$2	Name of the file upon which the I/O error occurred. This is in the format used by the 'fopen' function as described in the SMARTS SDK Programmer's Reference Manual.

Action Determine from the returned information what caused the error and correct the problem.

References

SMARTS SDK Programmer's Reference Manual. SMARTS SDK Programmer's Guide.

PSX0035 Environment variable '\$1' invalid data starting '\$2'

Description While processing the file containing the SMARTS global environment variables, a variable containing invalid data was encountered. This generally occurs when a hexadecimal value is specified for a global environment variable.

Placeholders

\$1	Name of the global environment variable with the invalid data specified.
\$2	The first characters of the value specification as found in the file.

Action Correct the value specification for the variable.

References

SMARTS Installation and Operations Manual.

PSX0036 Global environment variables processed successfully

Description The global environment variable file as specified by the GENVNAME SMARTS configuration parameter was processed successfully and the global environment variables specified in the file have been successfully defined.

Placeholders

Not applicable.

Action Not applicable.

References

SMARTS Installation and Operations Manual.

PSX0037 DYNALLOC FAILED (CODE=\$1), DSN=\$2

Description The SMARTS attempt to allocate dataset (\$2) failed.

Placeholders

\$1	Error and information codes returned from the OS DYNALLOC macro.
\$2	Name of the dataset that SMARTS tried to allocate.

Action Determine the cause of the problem based on the OS DYNALLOC macro error and information codes; take action to correct the problem. If the action to take is not obvious, report the error to your Software AG technical support representative.

References

Refer to the manuals specific to your operating system that describe Assembler interface macros and their use.

PSX0038 TISP/ISP \$1 failure TID=\$2 RC=\$3 Reason=\$4

Description TISP/ISP macro call failed.

Placeholders

\$1	Name of the TISP/ISP request that failed.
\$2	Process ID on which the error occurred.
\$3	TISP/ISP interface return code returned by the request.
\$4	TISP/ISP interface reason code returned by the request.

Action Use the information returned to determine why the error occurred. Errors on a TISP API call often occur when the peer to an ongoing TISP API conversation terminates or drops the conversation.

References

SMARTS Installation and Operations Manual. The Fujitsu manual TISP Handbook .

PSX0039 TISP/ISP TERMINATING REASON=\$1

Description TISP/ISP was terminated by the operator.

Placeholders

'\$1' is the reason code:

0	TISP/ISP was terminated normally.
4	TISP/ISP was terminated quickly.
8	TISP/ISP was cancelled.

Action Not applicable.

References

Not applicable.

PSX0040 R=\$1 T=\$2 U=\$3 S=\$4 RC=\$5 errno=\$6

Description This message is used when sockets tracing is active and the IBM TCP/IP subsystem module is in use.

Placeholders

\$1	Name of the IBM TCP/IP sockets request.
\$2	Address of the TCB on which the request was issued in hexadecimal format.
\$3	Number of sockets open for this process ID.
\$4	Number of the IBM TCP/IP socket for which the request was issued.
\$5	Return code from the IBM TCP/IP sockets request.
\$6	Error number returned from the IBM TCP/IP sockets request.

Action Not applicable.

References

IBM TCP/IP VvRr for MVS Programmers Reference.

PSX0041 Context locate/initialization failed rc=\$1

Description An attempt to build a new SMARTS context failed. Each program running under SMARTS, including the SMARTS main task itself, requires a context. When the context build fails, no further processing can occur.

Placeholders

'RC' is the return code:

8	Error during context initialization.
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Action The reason why the build for the context failed is indicated in a preceding message. Take action to correct the problem based on that information.

References

Not applicable.

PSX0042 Independent Kernel \$1 Request failed rc=\$2

Description An attempt by the environment-specific module to make a request of the independent kernel interface failed. This can happen during SMARTS kernel initialization or termination, or while processing an operator command. If the error occurs during initialization, processing cannot continue.

Placeholders

\$1	The request that failed:	
	initialize	initialization request
	terminate	termination request
	command	command processing
\$2	Return code:	
	8	general error
	12	catastrophic error
	16	logic error within SMARTS

Action Take action based on a previous message that indicates why the request failed. Report return codes 12 and 16 to your Software AG technical support representative.

References

Not applicable.

PSX0043 Resource \$1 not authorized for user \$2, reason \$3

Description Access to a resource (for example, a file) has been denied by the active security subsystem.

Placeholders

\$1	Name of the requested resource.
\$2	Name of user requesting access to resource.
\$3	An implementation-specific reason code.

Action Use the implementation-specific reason code to determine the cause of the denied access.

References

Not applicable.

PSX0044 Invalid length supplied to ‘\$1’ function. Program will be aborted

Description A number of functions are supported using inline coding generated by the C compiler that generated the C code. Normally, any length below 16 megabytes is dealt with inline; however, if a length greater than this is encountered, it is considered an error and this message is issued.

Placeholders

\$1	The name of the function that received an invalid length.
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Action Trace back to the C code and determine where the length supplied was invalid; determine why the length was invalid.

References

Not applicable.

PSX0045 pthread \$1 \$2 failure rc=\$3

Description An error occurred during the initialization or termination of a pthread.

Placeholders

\$1	Initialization / termination processing
\$2	PAANTINI / PMANENVF end-of-job (EOJ) indicator
\$3	Return code

Action Normally, a previous error indicates the reason for the error. Take action based on this information. If no reason is provided, report the problem to your Software AG technical support representative.

References

Not applicable.

PSX0046 Pthread id \$1 \$2

Description A pthread ABENDED or was cancelled.

Placeholders

\$1	The pthread ID.
\$2	Cancelled / ABENDED.

Action A pthread_cancel() request from the application indicates that the application has taken the decision, or an abend in a pthread indicates an error in the application code running on the pthread. Otherwise, an attempt was made to cancel all outstanding pthreads when a SMARTS instance was terminated.

References

Not applicable.

PSX0047 SMARTS Server environment \$1 error, info=\$2/\$3/\$4

Description An error occurred with an operating system macro in the SMARTS server environment.

Placeholders

\$1	Name of the SMARTS server system macro that failed.
\$2	Return code from the operation (normally register 15).
\$3	Feedback code from the operation (normally register 0).
\$4	Reserved for future use; currently the same as \$2.

Action Based on any preceding messages and the SMARTS server macro return and feedback codes, determine the cause of the problem and take action to correct it. If the action to take is not obvious, report the error to your Software AG technical support representative.

References

Refer to appendix G in this manual.

PSX0048 Thread id \$1 Abended code X\$2/\$3

Description A pthread ABENDED in the SMARTS server environment.

Placeholders

\$1	The pthread ID.
\$2	The ABEND code in hexadecimal.
\$3	The ABEND code in binary.

Action This message is provided as a diagnostics message: determine why the ABEND is occurring.

References

Not applicable.

PSX0049 Required configuration parameter \$1 missing oR invalid

Description During initialization of a CDI protocol driver, a required configuration parameter was missing or invalid. As a result, the initialization of the protocol driver cannot proceed.

Placeholders

\$1	Name of the missing or invalid configuration parameter.
-----	---

Action Add or correct the required configuration parameter and restart SMARTS.

References

SMARTS Installation and Operations Manual.

PSX0050 SMARTS CDI \$1 protocol initialized

Description A CDI protocol driver implementing the protocol specified in \$1 has been successfully initialized.

Placeholders

\$1	Name of the CDI protocol initialized.
-----	---------------------------------------

Action Not applicable.

References

Not applicable.

PSX0051 Too many arguments to fit in argv list

Description The nucleus attempted to build an argv buffer based on the input provided by the user for a SMARTS spawn*() or exec*() request; however, there was insufficient room in the ARGV buffer to hold all of the data. The size of the ARGV buffer may be determined from the _POSIX_ARG_MAX macro variable.

Placeholders

None

Action Reduce the amount of data being passed in the ARGV buffer.

References

SMARTS SDK Programmer's Reference Manual SMARTS SDK Programmer's Guide

PSX0052 Function \$1 '\$2' Unsupported

Description FUNCLIST=YES is specified in the SMARTS configuration. A message is issued for each POSIX function that is registered within SMARTS but for which support has not yet been implemented.

Note:

The fact that the function has been registered within the SMARTS nucleus does not imply that it will be supported at any time in the future.

Placeholders

\$1	Name of the POSIX function.
\$2	A short description of what the POSIX function does.

Action No action required. If the message is no longer required, turn off the FUNCLIST configuration parameter.

References

Not applicable.

PSX0053 ZAP \$1 APPLIED FOR SM \$2

Description ZAPLIST=YES is specified in the SMARTS configuration. One message occurs for each ZAP applied to the system and the SM level for which the ZAP was applied.

Placeholders

\$1	Number of the applied ZAP.
\$2	SM level for which the ZAP was applied. If the ZAP was not included in an SM level when it was applied, this contains the value '255'.

Action If you no longer wish to see these messages, turn off the ZAPLIST configuration parameter.

References

Not applicable.

PSX0053 Statistics Collection for: \$1

Description Indicates the functions for which statistics are being collected.

Placeholders

\$1	List of all functions for which statistics are being collected. “NONE” if no statistics are being collected.
-----	--

Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual.

PSX0054 CDI \$1 protocol terminated

Description A CDI protocol handler has been terminated. This normally only happens during termination of the SMARTS environment.

Placeholders

\$1	Name of the CDI protocol.
-----	---------------------------

Action No action is required.

References

Not applicable.

PSX0055 CDI \$1 protocol initialization error: \$2

Description An error occurred during CDI protocol handler initialization.

Placeholders

\$1	Name of the CDI protocol.
\$2	Return code from the CDI protocol handler.

Action This will normally be a parameter error. Correct and retry.

References

SMARTS Installation and Operations Manual.

PSX0056 Failure to delete file ‘\$1’

Description An error occurred in the processing of a file delete.

The file delete is attempted subsequently to a return value indicating success. This may occur if a file is open at the time of the delete command and the file is marked to be deleted at a later stage.

Placeholders

\$1	Name of the file that was not deleted.
-----	--

Action Check for messages in the log that may indicate the reason for failure, such as a security violation. The file should be deleted if required.

References

Not applicable.

PSX0057 Pipe \$1 request error PID=\$2 RC=\$3 REASON=\$4

Description An error has occurred while reading from or writing to a pipe. The placeholders indicate the action that encountered the error.

Placeholders

\$1	The file descriptor number of the pipe.
\$2	The ID of the process that encountered the error.
\$3	The return code from the pipe CDI protocol handler.
\$4	An internal reason code.

Action This error may be caused by other error situations in the environment, such as lack of memory. Look for other symptoms, correct and retry. If the problem persists, contact your Software AG technical support representative.

References

Not applicable.

PSX0058 SMART Server \$1 \$2 \$3

Description An error has occurred while dealing with a SMARTS-based server running in the SMARTS server environment. The placeholders indicate the action that encountered the error.

Placeholders

\$1	The name of the server.
\$2	an indication as to what the issue was: Initialization — Problems with initialization. Termination — Problems with termination. Command processing — Problems processing a command for this server. Not Active — The server is not active. No longer active — The server has terminated since the last activity.
\$3	'FAILED' or blanks, depending on the context of the message.

Action Clear up the problem leading to the message and retry the operation.

References

Not applicable.

PSX0059 SMARTS server \$1 \$2 successful PID=\$4

Description An operation on a SMARTS-based server running in the SMARTS server environment was completed successfully.

Placeholders

\$1	The name of the server.
\$2	An indication of what was successful: initialization, termination, or command processing.
\$4	The process ID for the named server.

Action No action required.

References

Not applicable.

PSX0060 SMARTS \$1 function failed RC=\$2 RV=\$3 errno=\$4

Description SMARTS itself issued a POSIX interface request that failed.

Placeholders

\$1	Name of the POSIX function.
\$2	The assembler interface return code received from the function.
\$3	Return value received from the function.
\$4	Errno returned from the function.

Action Determine the cause of the problem using the return value, errno, and the SMARTS SDK Programmer's Reference Manual . If the error is expected for some reason, ignore the message. If it should not have occurred, correct the problem leading to the error.

References

SMARTS SDK Programmer's Reference Manual SMARTS SDK Programmer's Guide

PSX0061 Storage protection not currently supported

Description SMARTS was brought up under Com-plete version 6, which had threads defined with storage protection active. SMARTS currently does not support this feature within Com-plete and therefore will not come up if this is active.

Placeholders

None

Action Turn off storage protection in the Com-plete environment where SMARTS must run.

References

Not applicable

PSX0062 File \$1 not stored in \$2. No space left in directory

Description No space remains in the directory: the file could not be added or the file name could not be changed.

Placeholders

\$1	File name.
\$2	Directory name.

Action Increase the directory or the directory index space as appropriate for the operating system file system.

References

Refer to the manuals specific to your operating system.

PSX0063 Invalid keyword value specified for ‘\$1’

Description An invalid keyword value was passed in by the configuration file. Initialization continues, ignoring the invalid value.

Placeholders

\$1	Name of the keyword that received an invalid value.
-----	---

Action Check the SMARTS Installation and Operations Manual for a valid keyword value.

References

SMARTS Installation and Operations Manual .

PSX0064 Trace DataSpace InitialiZed, ESIZE=\$1:BSIZE=\$2:NBLKS=\$3

Description Informational message issued at SMARTS initialization.

Placeholders

\$1	Trace data space element size.
\$2	Trace data space block size.
\$3	Number of blocks in the trace data space.

Action If different values are required, set them in the configuration file.

References

SMARTS data collection facilities document.

PSX0065 Log DataSpace InitialiZed, ESIZE=\$1:BSIZE=\$2:NBLKS=\$3**Description** Informational message issued at SMARTS initialization.**Placeholders**

\$1	Log data space element size.
\$2	Log data space block size.
\$3	Number of blocks in the log data space.

Action If different values are required, set them in the configuration file.**References**

SMARTS data collection facilities document.

PSX0066 Trace level = ‘\$1’**Description** Indicates the level of tracing in the system.**Placeholders**

\$1	Level of tracing between 1 and 5, ‘1’ being the least amount of trace data and 5 being the greatest.
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Action This message is for information only. No action is required.**References**

SMARTS Installation and Operations Manual .

PSX0067 System tracing enabled = ‘\$1’**Description** Indicates the system tracing that is turned on.**Placeholders**

\$1	List of system tracing that is turned on.
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Action This message is for information only. No action is required.**References**

SMARTS Installation and Operations Manual .

PSX0068 No System Tracing enabled

Description Indicates that no system tracing is enabled.

Placeholders

Not applicable.

Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual .

PSX0069 No functions are being traced

Description Indicates that no system tracing is enabled.

Placeholders

Not applicable.

Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual .

PSX0070 All functions are being traced

Description Indicates that all functions are being traced.

Placeholders

Not applicable.

Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual .

PSX0071 Functions being traced: '\$'

Description Indicates the functions that are being traced.

Placeholders

\$1	List of all functions that are being traced.
-----	--

Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual .

PSX0072 Functions not being traced: '\$'

Description Indicates the functions that are not being traced.

Placeholders

\$1	List of all functions that are not being traced.
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Action This message is for information only. No action is required.

References

SMARTS Installation and Operations Manual .

PSX0073 P=\$1 T=\$2 \$3 at \$4+X\$5

Description Back trace message.

Placeholders

\$1	Process ID
\$2	Thread ID
\$3	'Function call' or 'Abend'
\$4	Function name
\$5	Offset

Action This message is for information only. No action is required.

References

Not applicable.

PSX0074 **P=\$1 T=\$2 \$3:\$4 \$5 \$6 \$7 *\$8***

Description Back trace data.

Placeholders

\$1	Process ID
\$2	Thread ID
\$3	Storage address
\$4	Storage contents - hex
\$5	Storage contents - hex
\$6	Storage contents - hex
\$7	Storage contents - hex
\$8	Storage contents - character

Action This message is for information only. No action is required.

References

Not applicable

PSX0075 **P=\$1 T=\$2 aborted due to \$3 signal**

Description Abort due to signal.

Placeholders

\$1	Process ID
\$2	Thread ID
\$3	Signal number

Action This message is for information only. No action is required.

References

Not applicable

PSX0076 Out of storage - increase region size**Description** Error - increase region size.**Placeholders**

None

Action Increase region size, rerun.**References**

SMARTS Installation and Operations Manual.

PSX0077 PFS termination checkpoint failed**Description** PFS checkpoint failure.**Placeholders**

None

Action Report this message to your technical support representative.**References**

Not applicable.

PSX0078 PFS container capacity at \$1%**Description** PFS container is in danger of filling up.**Placeholders**

\$1	Percentage used
-----	-----------------

Action Once this message has been received more than once for a particular container it should be resized**References**

SMARTS Installation and Operations Manual.

PSX0079 PFS superblock corrupted**Description** The PFS superblock was corrupted.**Placeholders**

None

Action Report this message to your technical support representative.**References**

Not applicable.

PSX0080 Error in "\$1", record number \$2**Description** Invalid record in hosts, protocols, services or networks file.**Placeholders**

\$1	Name of file containing invalid record.
\$2	Record number of invalid record in file.

Action Check relevant record in input file for error.**References**

SMARTS Installation and Operations Manual.

PSX0081 Error on PUT, DDNAME=\$1**Description** PUT error, Data collection file.**Placeholders**

\$1	ddname
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Action Report this message to your technical support representative.**References**

SMARTS Installation and Operations Manual.

PSX0082 ENQ/DEQ failure, DDNAME=\$1**Description** ENQ/DEQ Data collection problem.**Placeholders**

\$1	ddname
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Action Report this message to your technical support representative.**References**

SMARTS Installation and Operations Manual.

PSX0083 Dataspace Max Size \$1 exceeded**Description** Maximum dataspace size exceeded.**Placeholders**

\$1	Maximum size
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Action Report this message to your technical support representative.**References**

SMARTS Installation and Operations Manual.

PSX0084 PAeNDISM Module not available**Description** DISM module not available.**Placeholders**

None

Action Report this message to your technical support representative.**References**

SMARTS Installation and Operations Manual.

PSX0085 Dataspace \$1 not initialised correctly

Description The Dataspace was not successfully initialised.

Placeholders

\$1	Dataspace name
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Action Report this message to your technical support representative.

References

SMARTS Installation and Operations Manual.

PSX0086 Dataspace \$1 not terminated correctly

Description The Dataspace was not successfully terminated.

Placeholders

\$1	Dataspace name
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Action Report this message to your technical support representative.

References

SMARTS Installation and Operations Manual.

PSX0087 CEEPIPI Interface module not available

Explanation Unable to load the LE PIPI interface module, CEEPIPI

Action Make the module available to the job and rerun.

References

OS/390 LE Manuals.

PSX0088 **LE PIPi \$1 Error rf=\$2 rc=\$3 rsnc=X\$4 fbc=X\$5**

Explanation An error has occurred while interfacing with the LE subsystem on OS/390. It indicates a possible installation problem for SMARTS.

Placeholders

\$1

LE Call

\$2

response code

\$3

return code

\$4

reason code

\$5

feedback code

Action Report this message to your technical support representative.

References

Relevant OS/390 LE Manuals.

PSX0089 SMARTS/IMS: \$1 of token failed - \$2, return code \$3

Explanation An MVS token creation, retrieval or deletion has failed.

Placeholders

\$1

failing request

\$2

token

\$3

return code

Action Report this message to your technical support representative.

References

IBM MVS Programming Assembler Services Reference

PSX0090 Warning: Error in freeing of storage addr \$1

Explanation

Action

PSX0091 TCPIP System Id (SYSPARM) specified=' \$1 '

Explanation Identifies the TCP/IP for VSE partition that the SMARTS Sockets interface has connected with.

Placeholders

\$1	This was indicated by the // OPTION SYSPARM='nn' statement in the application startup JCL. The ID assignment is made in the parameter field of the EXEC statement of the TCP/IP for VSE startup JCL.
-----	--

Action This message is for information only.

References

VSE/ESA V2R6 System Control Statements

PSX0094 Sockets BUFSZ=\$1, MINQ=\$2, MAXQ=\$3

Explanation Indicates the values used (explicitly or by default) by the Sockets subsystem.

Placeholders

\$1	The size of the input and output buffers.
\$2	The minimum listen() queue length or backlog that can be specified by an application.
\$3	The maximum listen() queue length or backlog that can be specified by an application.

Action This message is for information only.

References

Not applicable

PSX0095 Sockets Port \$1 listening. Queue length \$2

Explanation A server has opened a socket and is waiting for work.

Placeholders

\$1	The port number of the server.
\$2	The listen() queue length or backlog that the Sockets subsystem will use for the socket. This has been specified by the server application or has been forced by default.

Action This message is for information only.

References

Not applicable

PSX0096 Sockets Port \$1 closed. Connections \$2, Concurrent \$3

Explanation Indicates that a previously listening port has been closed.

Placeholders

\$1	The port number of the server.
\$2	The total number of connections made with the server port.
\$3	The highest number of concurrent connections made.

Action This message is for information only.

References

Not applicable

PSX0099 \$1 \$2 \$3 \$4 \$5 \$6 \$7 \$8

Explanation Trace data.

Placeholders

\$1-\$8	Variable information.
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Action This message is for information only.

Report this message to your technical support representative.

References

Not applicable